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DIALOG(R)File 351:Derwent WPI
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WPI Acc No: 1980-62943C/*198036*

Prod. of cement compsn. for moulding sec. prod. - by mixing organic
caking agent with hydraulic cement adding, e.g. naphthalene
sulphonate-formalin condensate, kneading and adding clay

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Number of Countries: 001 Number of Patents: 002

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|-------------|------|----------|-------------|------|------|----------|
| JP 55095654 | A | 19800721 | | | | 198036 B |
| JP 86024358 | B | 19860610 | | | | 198627 |

Priority Applications (No Type Date): JP 7854085 A 19780509

Abstract (Basic): JP 55095654 A

Method comprises mixing organic caking agent and opt. reinforcing
material, with hydraulic cement, adding water contg. dissolved
water-decreasing agent (e.g. beta-naphthalenesulphonate-formalin
condensate) and kneading, and adding and mixing clay with the kneaded
material.

The resulting compsn. has excellent plasticity and shape-retaining
properties. Moulding of the cement compsn. can be continuously carried
out by extrusion moulder, injection moulder, etc.

Hydraulic cement used pref. consists of 100 pts.wt. Portland cement
and 2-10 pts. wt. of alumina cement, calcined gypsum, anhydrous gypsum,
etc. The amt. of organic caking agent (e.g. water-soluble cellulose,
ethylene oxide polymer, etc.) is 1-5 pts.wt. per 100 pts.wt. hydraulic
cement. The amt. of clay is pref. 5-20 pts.wt. per 100 pts.wt.
hydraulic cement. Reinforcing agent is e.g. fine aggregate such as
sand, asbestos, etc. The amt. of water added is 28-40 pts.wt. per 100
pts.wt. of hydraulic cement.

Derwent Class: A93; L02; P64

International Patent Class (Additional): B28C-007/04; C04B-013/21;
C04B-014/10; C04B-024/24; C04B-028/00

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